

IN THE SPECIFICATION

Please substitute the following paragraphs as indicated. A marked up version showing additions underlined appears in Appendix B.

On page 4 of the specification, please replace the first full paragraph with the following paragraph:

BRIEF DESCRIPTION OF SEVERAL VIEWS OF THE DRAWINGS

Fig. 1 depicts an exemplary aircraft structure in need of repair.

Fig. 2 is a magnified view of an area where a bulkhead has been removed and must be replaced.

Fig. 3 is a mount suitable for use in measuring a structure.

Fig. 4 depicts a measuring machine suitable for measuring a structure.

Fig. 5 describes a process for repairing a structure

Fig. 6 depicts an operator using a measuring machine to orient the measuring machine with the area in need of repair.

Fig. 7 depicts an operator using a measuring machine to orient the measuring machine with the structure.

Fig. 8 depicts an operator using a measuring machine to measure the periphery of a portion in need of repair.

Fig. 9 depicts a nesting sequence of parts required for the repair.

Fig. 10 depicts a replacement part being machined in an operation on a CNC router.

Fig. 11 depicts a replacement part being formed in another operation.

Fig. 12 depicts a measuring machine with a laser-scanning device for measuring a structure.

On page 7, please substitute this paragraph for the paragraph beginning on line 28:

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In using such a laser-scanning device, a process for repairing a structure includes mounting the device, preferably on a multi-axis coordinate measuring machine. The device is then oriented, and the part to be repaired is measured. The data is then saved and used to manufacture a repair part. A multi-axis machine with a laser-scanning device is depicted in Fig. 12. The measuring device may be a multi-axis coordinate measuring machine 120, having a base 122 and at least one linear axis 124, and preferably having at least one rotary axis 126, and a laser-scanning device 128. The laser-scanning device is mounted in place of the usual probe.
